



## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Practitioners associated with the Customer Number:

24239

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
John Boyd	38,055		
Margaret Chappuis	45,735		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

The address associated with Customer Number:

24239

OR

<input type="checkbox"/>	Firm or Individual Name			
Address				
City		State	Zip	
Country				
Telephone			Email	

Assignee Name and Address:

Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, Connecticut 06810

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

## SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	1/3/2006
Name	John Boyd, Esq.	Telephone	203-739-1757
Title	Chief Intellectual Property Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: THOMAS H. BAUMApplication No./Patent No./Control No.: 10/715,246 Filed/Issue Date: NOVEMBER 17, 2003Entitled: CHEMICAL MECHANICAL PLANARIZATION PAD

ADVANCED TECHNOLOGY MATERIALS, INC, a CORPORATION  
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014383, Frame 0819, or a true copy of the original assignment is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

MARIANNE FUERER

Printed or Typed Name

JANUARY 17, 2006

Date

919-286-8000

Telephone Number

ATTORNEY FOR APPLICANT

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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\*700062036A\*

MARCH 03, 2004

PTAS

ADVANCED TECHNOLOGY MATERIALS, INC.  
WILLIAM F. RYANN, ESQ.  
7 COMMERCE DRIVE  
DANBURY, CONNECTICUT 06810

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/27/2004

REEL/FRAME: 014383/0819  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAUM, THOMAS H.

DOC DATE: 11/21/2003

ASSIGNEE:

ADVANCED TECHNOLOGY MATERIALS,  
INC.  
7 COMMERCE DRIVE  
DANBURY, CONNECTICUT 06810

SERIAL NUMBER: 10715246  
PATENT NUMBER:

FILING DATE: 11/17/2003  
ISSUE DATE:

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JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02/27/2004



700069036

Docket Number  
ATMI-645

## RECORDATION FORM COVER SHEET

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:  
Please record the attached original document or copy thereof.

## 1. Name of conveying party (ies):

Thomas H. Baum

## 2. Name and address of receiving party:

Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, Connecticut 06810Additional name(s) of conveying  
party (ies) attached?  Yes  NoAdditional name(s) and addresses  
attached?  Yes  No

## 3. Nature of conveyance:

 Assignment  Merger  Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: November 21, 2003

## 4. Application number(s) or patent number(s): U.S. Serial No. 10/715,246

If this document is being filed together with a new application, the execution date of the application is: November 21, 2003

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

William F. Ryann, Esq.  
Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, Connecticut 06810  
Telephone: 203-794-1100

## 7. Total Fee (37 CFR 3.41): \$ 40

 Enclosed Authorized to be charged to deposit account

## 6. Total number of applications and patents involved: 1

8. Deposit account number:  
50-0860

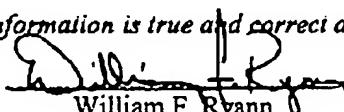
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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy.

February 27, 2004

Date

  
William F. Ryann  
Reg. No. 44,313

2003-03-01 09:09:02

045



## Facsimile Transmission

*This company uses RightFAX® fax server software from RightFAX, Inc.*

From: Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

To: Name: ADVANCED TECHNOLOGY MATERIALS, INC.  
Company: WILLIAM F. RYANN, ESQ.  
Fax Number: 12037972544  
Voice Phone:

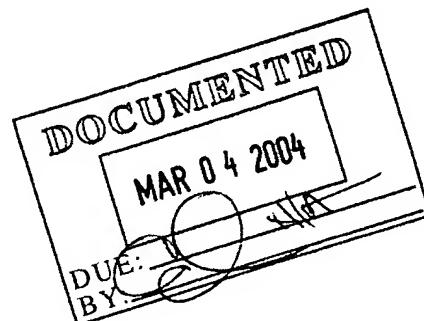
### Fax Notes:

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Pg# Description

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- 4 Document 1, Batch 290861

PTAS FAX PROCESSING



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